

Attorney Docket No. 02031/LH

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): M. KONDO

Serial No. :

Filed : Herewith

For : INDUCTOR COMPONENT

Art Unit :

Examiner :

PRELIMINARY AMENDMENT

Asst. Commissioner for Patents
Washington, D.C. 20231

S I R :

IN THE CLAIMS:

Please substitute amended claim 4 as follows, and new claims
7 and 8 as follows:

4. (**amended**) The inductor component claimed in claim 1,
wherein:

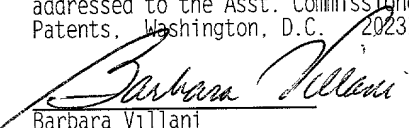
the bonded magnet has a resistivity of 1Ωcm or more and is
formed from a resin; and

the resin contains 30% by volume or more of rare-earth
magnet powder having a Tc of 500°C or more and an average
particle diameter of 2.5 to 50 μm, has an intrinsic coercive
force of 10 KOe or more, and is one selected from the group
consisting of a polyimide resin, epoxy resin, poly(phenylene
sulfide) resin, silicone resin, polyester resin, aromatic nylon,
liquid crystal polymer resin, and a complex thereof.

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Barbara Villani

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Please add new claims 7 and 8 as follows:

--7. (new) The inductor component claimed in claim 2,
wherein:

the bonded magnet has a resistivity of $1\Omega\text{cm}$ or more and is
formed from a resin; and

the resin contains 30% by volume or more of rare-earth
magnet powder having a T_c of 500°C or more and an average
particle diameter of 2.5 to $50\ \mu\text{m}$, has an intrinsic coercive
force of 10 KOe or more, and is one selected from the group
consisting of a polyimide resin, epoxy resin, poly(phenylene
sulfide) resin, silicone resin, polyester resin, aromatic nylon,
liquid crystal polymer resin, and a complex thereof.

8. (new) The inductor component claimed in claim 3,
wherein:

the bonded magnet has a resistivity of $1\Omega\text{cm}$ or more and is
formed from a resin; and

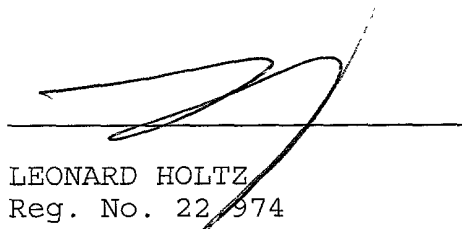
the resin contains 30% by volume or more of rare-earth
magnet powder having a T_c of 500°C or more and an average
particle diameter of 2.5 to $50\ \mu\text{m}$, has an intrinsic coercive
force of 10 KOe or more, and is one selected from the group
consisting of a polyimide resin, epoxy resin, poly(phenylene
sulfide) resin, silicone resin, polyester resin, aromatic nylon,
liquid crystal polymer resin, and a complex thereof.--

R E M A R K S

In accordance with 37 CFR 1.121(c), a clean copy of amended claim 4 is set forth in the present Amendment, and a marked-up version of the amended claim 4 is attached hereto. This amendment is being made to eliminate the multiple dependency of claim 4.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,



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LH/bv

2025-03-20 10:00:00

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Claim 4 has been amended as follows:

4. (amended) The inductor component claimed in [claims 1 to 3] claim 1, wherein:

the bonded magnet has a resistivity of $1\Omega\text{cm}$ or more and is formed from a resin; and

the resin contains 30% by volume or more of rare-earth magnet powder having a T_c of 500°C or more and an average particle diameter of 2.5 to $50\text{ }\mu\text{m}$, has an intrinsic coercive force of 10 Koe or more, and is one selected from the group consisting of a polyimide resin, epoxy resin, poly(phenylene sulfide) resin, silicone resin, polyester resin, aromatic nylon, liquid crystal polymer resin, and a complex thereof.